-- Docket No.: 6858P014X5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

STEPHEN J. BROWN

Application No.: 09/810,865

Filed: March 16, 2001

For: Disease Simulation System and Method

RECEIVED

Art Group: 2123

Examiner: Phan, Thai Q

OFFICIAL

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Applicant has concurrently submitted an electronic Information Disclosure Statement (IDS) for the above-referenced patent application. In the concurrently filed electronic IDS submission, it was requested that any requisite fees be debited from Deposit Account 02-2666. Applicant respectfully requests that only one fee be debited for these concurrently filed IDS submissions if such fees are required.

Respectfully submitted,

BLAKELY, GOKOLOFF, TAYLOR & ZAFMAN LLP

André L. Marais, Reg. No. 48,095

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (408) 947-8200

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Davis Shaw

Date

Substitute for form 1449A/PTO

Sheet 1 of 5

(Use as many sheets as necessary)

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Prorpposition:
Approved for use through 15th Indiana, case 501-0001
US Peaks & Trainmen Otto U.S. GEPART NEWS OF CONSTITUTION CASE 511-0001
US Peaks & Trainmen Otto U.S. GEPART NEWS OF CONSTITUTION CONSTITUTION OF PROVIDENT AND OF 1598, no persons are required to respond to a conscious of information united at contains a united Decili consent number

Complete if Known 09/810,865 **Application Number** March 16, 2001 Filing Date Stephen J. Brown First Named Inventor 2128 Group Art Unit Thai Phan **Examiner Name** Attorney Docket No: 006858P014X5

Examiner	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T2
initials*	EP-0251520	07/01/1988	Fu, Ping W.			
	EP-0286456	10/12/1988	Belmonte, Fernandez , et al.			
	EP-0320749	02/06/1989	Turcotte II, William E.			
	EP-0461910	12/18/1991	Ohara, Makoto			
	EP-0653718	11/09/1994	Muller, Peter			
	EP-370599	05/30/1990	Hamilton, , et al.			
	EP-508912	10/14/1992	Schott,			
	EP-526166	02/03/1993	Dessertine.			<u> </u>
	EP-676709	10/11/1995	Wimmer,			
	EP-680727	11/08/1995	Bocker, , et al.			
-	EP-761160	03/12/1997	Akasaka, , et al.			
	GB-2218831	11/22/1989	Newland, Mark J.			
	GB-2225637	06/06/1990	O'Brien, P.M.S.			<u> </u>
	WO-8501667	04/25/1985	Denev, Martin			
	WO-90/00367	01/25/1990	Sramek, Bohumir			<u> </u>
	WO-9109374	06/27/1991	Hall, Tipping J.			<u>l</u>
	WO-93/01489	01/21/1993	Danielsson, Bengt			Γ
	WO-9302622	02/18/1993	Korenman, Ernest, et	al.		
	WO-9416774	08/04/1994	Andrus, Bryan, et al			<u> </u>
	WQ-95/09386	04/06/1995	Ward, , et al.			
	WO-95/20199	07/27/1995	Letzt, Alan M., et al.	[<u> </u>
	WO-9529447	11/02/1995	Brown, Stephen J.			
	WO-96/07908	03/14/1996	Matzinger, David P.		\	
	WO-96/25877	08/29/1996	Raymond, , et al.			
	WO-97/08605	03/06/1997	Kellinger, Frederick J., et al.			
	WO-97/12544	04/10/1997	Beller, , et al.			
	WO-98/16895	04/23/1998	Brown,			

	OTHE	R DOCUMENTS - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-lasue number(s), publisher, city and/or country where published.	<u></u>
		"+5V Powered Isolated RS-232 Drivers/Receivers" Maxim Integrated Products",	
-	-	"Blood Glucose Monitors", Portable Health Device, (1988),Vol. 17(9), pp 253-271	
		CD-ROM Mavericks: Proprietary TV-Based Players, Byte Guide to CD-ROM.	
		"Central Fetal Monitoring Systems ewith Optical Disk Storage", New	

EXAMINER

PTG::SBCA(15:01)
Approval for use through 10/11/2002 CH40 655-0031
LG Parent & Treatment Otton U.S. Odd A(Th40) of COMMERCE

Audithuse for form 1449AVPTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Vise as many steels as necessary)	Application Number	09/810,865	
	Filing Date	March 16, 2001	
	First Named Inventor	Stephen J. Brown	
	Group Art Unit	2128	
	Examiner Name	Thai Phan	
Sheet 2 of 5	Attorney Docket No: 0	006858P014X5	

Examiner	Cite No	R DOCUMENTS - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issus number(s),	τz
hitlals*	No '	oublisher, sity and/or country where published.	
		Technology Brief, (November/December 1988), Vol. 2, No. 6, pp. 249-251	
		"Furopean Search Report", From 6858P005EP,(03/27/1998).	
		"How Flash Memory Works", Internet printout of URL address:	
		http://www.howstuffworks.com/flash-memory4.htm. (09/28/2002),2_pages	
		"Introducing the Next Generation of About Your Diabetes", U.S. Pharmacopcial	
		Convention and American Diabetes Association, (1993).	
		"The description of the Tandy Radio Shack TRS-80 Model 100/102 device	
		available at http://www.old-computers.com/museum/computer.asp?c=233",	
		World Wide Web. (02/13/2004).1-3	
		ALBISSER, A. M., "Intelligent Instrumentation in Diabetic Management", CRC	
		Critical Reviews in Biomedical Engineering, Vol. 17, No. 1, pp. 1-24	
·		ANONYMOUS "Health Hero netowrk, inc. Receives First-Ever FDA Clearance	
	1	for Connecting Medical Devices to Internet", PR Newswire, (12/02/1999).3 pages	_
		BILLIARD, A., et al., "Telematic Transmission of Computerized Blood Glucose	
	Ĺ	Profiles for IDDM Patients", <u>Diabetes Care</u> , (February 1991),Vol. 14, No. 2, pp.	
		130-134	_
		BOWER, "Brain Clues to Energy-efficient Learning", Science News, (04/1992),v	
		141; p215(1); Dialog: File 647, Acct# 12123949	⊢
		BRUCE, "Health Hero Network CEO, CNNfn", Digital Jam, (12/01/1999),3	j
	l	pages	┝
		BRUCE, et al., The Effects of Sympathetic Nervous System Activation and	1
		Psychological Stress", Diabetologia, (1992), "; ; 35 (9); 835-843; Dialog: File 5,	Į.
	<u> </u>	Acc# 9629427	⊢
		BRUNETTI, P., et al., "A Simulation Study on a Self-Tuning Portable Controller	ŀ
	,	of Blood Glucose", The International Journal of Artifical Organs, (1993), Vol. 16,	
<u> </u>	<u> </u>	No. 16, pp. 51-57	⊢
		CAPRIHAN, A., et al., "A Simple Microcomputer for Biomedical Signal	Į.
	}	Processing", IECI '78 Annual Conference Proceedings on Industrial Applications	1
		of Microprocessors, (3/20/1978),18 - 23	╂╼
		CHENG, JOE H., "PCT Search Report", (01/11/1996),	╄
		DOUGLAS, A. S., et al., "Hand-Held Glucose Monitor and Recorder",	1
		Proceedings of the Annual International Conference of the IEEE Engineering in	1
		Medicine and Biology Society, New Orleans, LA.(11/1988).pp. 747-748	╁
		FABIETTI, P. G., et al., "Wearable System for Acquisition, Processing and	1
	1	Storage of the Signal from Amperometric Glucose Sensors", The International	
	<u> </u>	Journal of Artificial Organs, (1991), Vol. 14, No. 3, pp 175-178	╁
		FINSTON, "Parent + Teacher = Healthy Child", Diabetes Forecast.	
,	<u> </u>	(04/1994),v47 n9; P26(5); Dialog: file 149, Acc# 15804228	+
	1	FOX, "Not My Type: Type B Behavior, Type I Diabetes Plus Stress Equals	1
		Blood Sugar Blues", Health, (03/1988),v20 n3; pp22(1); Dialog: File 149, Acc#	
		06397959	1

EXAMINER

Substitute for form 144SAPTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 3 of 5	Compress of Known		
	Application Number	09/810,865	
	Filing Date	March 16, 2001	
	First Named Inventor	Stephen J. Brown	
	Group Art Unit	2128	
	Examiner Name	Thai Phan	
	Attomey Docket No: 006858P014X5		

			T
initials"	Cite No 1	(book, magazine, journal, serial, symposium, catalog, etc.), mate, page(s), volume-assus manuse(s),	
		FRERGER PAUL "Video Game Takes on Diabetes Superhero "Captain	
		Novolin* Offers Treatment Tips*, San Francisco Examiner, (06/26/1992), Fourth	
		Edition, Business Section B1	
		GIUFFRIDA, ANTONIO, et al., "Should We Pay the Patient? Review of	
į		Financial Incentives to enhance Patient compliance", Biomedical Journal,	
		(1997),Vol. 315, pp. 703-707	
		HAUBEN, JAY R., "A Brief History of the Cleveland Free-Net", available at	
		http://www.ais.org/~irh/acn7-1.a09.html, (1995).pp. 1-4	
		HAUSER, THOMAS, et al., "Will Computers Replace or Complement the	
		Diabetes Educator?", The Medical Journal of Australia, (10/05/1992), Vol. 157,	ļ
		489-491 HORIO, HIROYUKI, et al., "Clinical Telecommunication Network System for	_
		Home Monitoring", Medical & Biological Engineering & Computing, (March	
		1994), Vol. 32, 227-230	l
	 	HUNTER, "Technological Advances in Bedside Monitoring: Biosensors",	
•		Archives and Laboratory Medicine, (July 1987),pp. 633-636	
	 	KAUFFMANN, FRANCINE, et al., "Epidermiological Study of the Genetics and	
		Environment of Asthma, Bronchial Hyperresponsiveness and Atopy", Am. J.	Į
	1	Respir Crit Care Med., (1997).Vol. 156, pp. S123-S129	1
		KAUFMAN, STEVEN, "B., The Learning Game", Nation's Business, (November	
	1	1993)	L_
	 	KLIYKENDALL V.G., et al., "Assessment of Self-Monitored Blood Glucose	
		moulte Licing a Reflectance Mater with Memory and Microcomputer".	
		Symposium on Computer Applications in Medical Care, (1/1981),Vol. 70, pp. 98 - 102	
	 	LACYK JOHN "PCT Search Report", (06/12/1997),	
	 	LATMAN, N. S., "Evaluation of Electronic, Digital Blood Glucose Monitors",	Γ
		Riomedical Instrumentation and Technology, (1991),Vol. 25, No. 1, 43-49	_
	+	LAUGHTON MILES E. "A Portable Microcomputer for Long-Term Physiological	1
	1	Monitoring in the Home and Work Environment, Medical Monitoring in the Home	1
		and Work Environment (1990).pp. 47 - 57	<u> </u>
	 	LEVERIE BEVERLY I et al. "The PDMS as a Focal Point for Distributed	1
		Patient Data". International Journal of Clinical Monitoring and Computing.	
	1	(1988) Vol. 5 nn. 155-161	4
	\top	MAKIKAMA M et al "Microprocessor-Based Memory Device for Ambulatory	
	1	Heart Rate and Physical Activity Recording", Methods of Information in Medicine.	
	J	(1994), Vol. 33, No. 1, pp. 94-96	╬
		MARSH, DAVID G., "Approaches Toward the Genetic Analysis of Complex	ì
	1	Traits Asthma and Atopy", Am. J. Respir.Crit.Care Med., (1997), Vol. 156, pp. S-	
		133-S138 MARTINEZ, FERNANDO D., "Complexities of the Genetics of Asthma", Am. J.	╫

EXAMINER

PTO/SBOBA(10-01)
Approved by use frough 10/31/2002 CMG 651-3331
VS Palvel & Tellerary Chou U.S. DEPARTMENT OF SCHOOL PARK

SADSUMB for form 1448APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USD 45 many sheets as necessary)	Complete il Known		
	Application Number	09/810,865	
	Filing Date	March 16, 2001	
	First Named Inventor	Stephen J. Brown	
	Group Art Unit	2128	
	Examiner Name	Thai Phan	
Sheet 4 of 5	Attorney Docket No: 006858P014X5		

xamin er		R DOCUMENTS - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Ť
Initials"	Cite No	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s). publisher, city and/or country where published.	
		Respir, Crit, Care Med., (1997), Vol. 156, pp. S117-S122	
		MAZZOLA, et al., "Video Diabetes: A Teaching Tool for Children with Insulin-	
ļ		Dependent Dishetes", Proceedings - 7th Annual Symposium on Computer	
		Applications in Medical Care; Washington, DC; Dialog; (10/1983), File 8, Acc#	
		01624462	╙
		MEISSNER, et al., "Building an Integrated Clinical and Research Network",	
		Proceedings of the SPIE, (10/24/1995), Vol. 2618, p. 92 99	├-
		MOORE, "New Applications Break Through Storage Boundaries", Computer	
		Technology Review, (10/1999), Vol. 19, No. 10, pg. 1	┝
		PFEIFFER, E. F., "The Glucose Sensor: The Missing Link in Diabetes Therapy",	
		Hormone and Metabolic Research, (1990), Vol. 24, Suppl., pp. 154-164	⊢
		POITOUT, V., et al., "A Glucose Mointoring System for On Line Estimation in	
-		Man of Blood Glucose Concentration Using a Miniaturized Glucose Sensor implanted in the Subcutaneous Tissue and a Wearable Control Unit.	
		Diabetologia, (1993), Vol. 36, pp. 658-663	
		POTTER, DAVID . "Fundamentals of PC-Based Data Acquisition", SENSORS.	+
		(February 1994),pp. 12-20	
	-	REIS, HOWARD, "Telemedicine: Transmitting Expertise to the Point of Care",	Ť
		Proceedings: Toward an Electronic Patient Record, (1997),pp. 248-256	
		ROBERTS; "Diabetes and Stress: A Type A Connection?", Psychology Today.	
		(07/1987),v. 21; pp22(1); Dialog: File 149, Acc# 05038381	
		POSE V. I. et al. "Decentralized Testing for Prothrombin Time and Activated	Т
		Partial Thromboolastin Time Using a Dry Chemistry Portable Analyser", Archives	1
		of Pathology and Laboratory Medicine, (June 1993), Vol. 117, pp. 611-617	\perp
		SCHENKELS, P., "Supplementary European Search Report", Application	
		Number EP 97 92 2716.(03/11/2002).]_
		SCHORK, NICHOLAS J., "Genetics of Complex Disease", Am. J. Respir. Crit.	
		Care Med., (1997), Vol. 156, pp. s103-\$109	1
		SCHREZENMEIR, J., et al., "Computer Assisted Insulin Dosage Adjustment -	ı
		Perspective for Diabetes Control", Hormone and Metabolic Research,	ı
		Supplement Series, (1990), Vol. 24, pp. 116-123	+
		SHANDLE, JACK, "Who Will dominate the desktop in the "90s?", Electronics.	1
		(February 1990),pp. 48-50	+
		SHULTS, MARC C., et al., "A Telemetry-Instrumentation System for Monitoring	
		Multiple Subcutaneously Implanted Glucose Sensors". IEEE Transactions on	1
		Biomedical Engineering, (October 1994), Vol. 41, No. 10, pp. 937-942	+
. —		SOELDNER, J. S., "Treatment of Diabetes Mellitus by Devices", The American	
		Journal of Medicine, (1/1981), Vol. 70, 183 - 194	+
		UPDIKE, STUART J., et al., "Laboratory Evaluation of New Resusable Blood Glucose Sensor", <u>Diabetes Care</u> , (November/December 1988), Vol. 11, No. 10,	1
	1	pp. 801-807	

EXAMINER

Substitute for form 1449A/PTO	Complete & Known		
INFORMATION DISCLOSURE	Application Number	09/810,865	
STATEMENT BY APPLICANT (Use as many aheels as necessary)	Filing Date	March 16, 2001	
	First Named Inventor	Stephen J. Brown	
	Group Art Unit	2128	
	Examiner Name	Thai Phan	
Sheet 5 of 5	Attorney Docket No: (006858P014X5	

Examiner Initials'	Cite No '	R DOCUMENTS — NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VALLERA, D. A., et al., "Accuracy of Portable Blood Glucose Monitoring", American Journal of Clinical Pathology, (1991), Vol. 95, No. 2, pp. 247-252	
		VOELKER, REBECCA, "Shoe Leather Therapy is Gaining on TB", Jama, (03/13/1996), Vol. 275, 743,	
		WYATT, J. C., "Clinical Data Systems, Part 2: Components and Techniques", Lancet, (December 1994), Vol. 344, No. 8937, pp. 1609-1614	
		YOSHIZAWA, DAISUKE, et al., "The Development of a Data Processing System with Personal Computer MSX Standard System for Flow Injection Analysis," Journal of Flow Injection Analysis, (1988), V. 5, No. 2, pp. 101-110	ļ

EXAMINER